WHAT IS CLAIMED IS:

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      1. A facsimile apparatus that is connected
to a network and has an ITU-T recommendation T.37
full-mode function for facsimile transmission of an
image file processed by an image processor using

10 parameters corresponding to a transmission mode, at
least with a delivery confirmation request being
attached to the image file, the facsimile
transmission being carried out via the network,
      the facsimile apparatus comprising:

15   a destination information memory that stores
one of reception capacity information of a selected
transmission destination and reception capacity
information of the selected transmission destination
contained in delivery confirmation mail sent from the

20 selected transmission destination, the reception
capacity information being associated with the mail
address of the selected transmission destination;
      a transmission mode memory that stores the
transmission mode used for the facsimile transmission

25 accompanied by the delivery confirmation request; and

a controller that causes the transmission mode memory to store the transmission mode used for the facsimile transmission accompanied by the delivery confirmation request, causes the destination information memory to store reception capacity information contained in the delivery confirmation mail sent from the selected transmission destination, the reception capacity information being stored as the reception capacity information of the selected transmission destination, and causes the destination information memory to store the transmission mode, already stored in the transmission mode memory, as a transmission enabling mode of the selected transmission destination when the delivery confirmation mail does not contain the reception capacity information but confirms that the communication has been properly completed.

2.   The facsimile apparatus as claimed in claim 1, wherein
the controller causes the destination information memory to store the transmission mode,

which has already been stored in the transmission

mode memory, as a transmission disabling mode of the

selected transmission destination, when the delivery

confirmation mail sent from the selected transmission

5   destination does not contain the reception capacity

information but confirms that the communication

failed.

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3.   The facsimile apparatus as claimed in

claim 1, further comprising:

an image memory that stores image files for

15   transmission;

wherein

when an image file that has been processed

by the image processor using parameters different

from default parameters is facsimile-transmitted at

20   least together with the delivery confirmation request,

the controller keeps the image file in the image

memory until the delivery confirmation mail is sent

from the selected transmission destination, and

when delivery confirmation mail is sent from

25   the selected transmission destination reporting that

the communication failed, the image processor
converts the image file kept in the image memory into
an image file corresponding to the default parameters,
and the converted image file is facsimile-transmitted
5   again to the selected transmission destination.

10   4.   A facsimile apparatus that is connected
to a network and has an ITU-T recommendation T.37
full-mode function for facsimile-transmitting an
image file processed by an image processor using
parameters corresponding to a transmission mode, at
15   least with a delivery confirmation request being
attached to the image file, the facsimile
transmission being carried out via the network,
        the facsimile apparatus comprising:
        means for storing one of reception capacity
20   information of a selected transmission destination
and reception capacity information of the selected
transmission destination contained in delivery
confirmation mail sent from the selected transmission
destination, the reception capacity information being
25   associated with the mail address of the selected

transmission destination;

means for storing the transmission mode used
for the facsimile transmission accompanied by the
delivery confirmation request; and

5   means for controlling the transmission mode
storing means to store the transmission mode used for
the facsimile transmission accompanied by the
delivery confirmation request, controlling the
destination information storing means to store

10   reception capacity information contained in the
delivery confirmation mail sent from the selected
transmission destination, the reception capacity
information being stored as the reception capacity
information of the selected transmission destination,

15   and controlling the destination information storing
means to store the transmission mode, already stored
in the transmission mode storing means, as a
transmission enabling mode of the selected
transmission destination when the delivery

20   confirmation mail does not contain the reception
capacity information but confirms that the
communication has been properly completed.

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5.   The facsimile apparatus as claimed in
claim 4, wherein

the controlling means causes the destination
5   information storing means to store the transmission
mode, which has already been stored in the
transmission mode storing means, as a transmission
disabling mode of the selected transmission
destination, when the delivery confirmation mail sent
10   from the selected transmission destination does not
contain the reception capacity information but
confirms that the communication failed.

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6.   The facsimile apparatus as claimed in
claim 4, further comprising:
means for storing image files for
20   transmission;
wherein
when an image file that has been processed
by the image processor using parameters different
from default parameters is facsimile-transmitted at
25   least together with the delivery confirmation request,

the controller keeps the image file in the image

storing means until the delivery confirmation mail is

sent from the selected transmission destination, and

when delivery confirmation mail is received

5   from the selected transmission destination reporting

that the communication failed, the image processor

converts the image file kept in the image storing

means into an image file corresponding to the default

parameters, and the converted image file is

10   facsimile-transmitted again to the selected

transmission destination.

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7.   A method of facsimile transmission using

a facsimile apparatus that is connected to a network

and has an ITU-T recommendation T.37 full-mode

function for facsimile transmission of an image file

20   processed by an image processor using parameters

corresponding to a transmission mode, at least with a

delivery confirmation request being attached to the

image file, the facsimile transmission being carried

out via the network,

25   the method comprising the steps of:

storing one of reception capacity
information of a selected transmission destination
and reception capacity information of the selected
transmission destination contained in delivery

5   confirmation mail sent from the selected transmission
destination, the reception capacity information being
associated with the mail address of the selected
transmission destination and being stored in a
destination information memory;

10   storing the transmission mode used for the
facsimile transmission accompanied by the delivery
confirmation request in a transmission mode memory;

controlling the destination information
memory to store reception capacity information that

15   is contained in the delivery confirmation mail sent
from the selected transmission destination, the
reception capacity information being stored as the
reception capacity information of the selected
transmission destination; and

20   controlling the destination information
memory to store the transmission mode, already stored
in the transmission mode memory, as a transmission
enabling mode of the selected transmission
destination, when the delivery confirmation mail does

25   not contain the reception capacity information but

confirms that the communication has been properly completed.